

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
35th Avenue Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #123  
Metrics Update  
35th Avenue Site  
B4M3  
Birmingham, AL  
Latitude: 33.5627531 Longitude: -86.7989565

**To:** Matt Taylor, Chief, Removal Operations Section, EPA R4  
Jim Webster, Chief, ERRPPB, EPA R4  
Clay Messer, ADEM  
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**From:** Subash Patel, On-Scene Coordinator

**Date:** 4/18/2022

**Reporting Period:** January 20 to April 18, 2022

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B4M3RV00	<b>Contract Number:</b>	EP-S4-07-02
<b>D.O. Number:</b>	00034	<b>Action Memo Date:</b>	9/25/2013
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	2/17/2014	<b>Start Date:</b>	2/18/2014
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	ALN000410750	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	SEP 2013
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

As detailed in an Action Memorandum dated September 25, 2013, EPA had initially identified approximately 50 properties in the Birmingham communities of Fairmont, Harriman Park, and Collegeville that exhibited levels of soil contamination that exceed, either threefold or a magnitude of measure, Region 4 residential removal management levels for lead, arsenic, and/or polycyclic aromatic hydrocarbons. In addition to contamination deposited by airborne means over the previous 100 years, or potential contaminant migration due to flooding, these properties likely received fill material from one or more of the local industrial businesses. For further discussion of background information, please refer to previous POLREPs for this Site.

Early in the removal action for the 50 homes, EPA amended the original scope of work to allow for greater consistency with remedial goals that provide for a more permanent remedy. An Action Memorandum dated March 12, 2014, described the amended scope of work.

EPA expanded the scope of work, as detailed in an Action Memorandum dated August 11, 2014, to allow for removal of contaminated soil from properties where the soil concentrations for contaminants of concern exceed Region 4 Removal Management Levels (RMLs) and children either live there or routinely and frequently visit. This change of scope included approximately 30 properties, including the Collegeville Center and North Birmingham Homes public housing developments.

EPA expanded the scope of work, as detailed in an Action Memorandum dated January 6, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed two times the Region 4 Removal Management Levels for carcinogens; specifically arsenic and benzo[a]pyrene. This change of scope included approximately 35 properties.

EPA expanded the scope of work, as detailed in an Action Memorandum dated July 20, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed the Region 4 Removal Management Levels for contaminants of concerns; specifically arsenic, lead, and benzo[a]pyrene. This change of scope includes approximately 260 properties.

## 2. Current Activities

### 2.1 Operations Section

#### Residential Removal Numbers:

On January 19, 2022, EPA decided to extend the Fairmont boundary to the ridgeline area. Below are metrics regarding the extended Fairmont area as of April 18.

Total properties: 131  
Total sampled: 47  
Exceed RML: 11

Cleaned up: 6

Metrics for entire site:  
Total residential properties sampled within Site boundaries: 2,022  
Total properties exceeding RMLs: 665  
Total cleaned up: 638  
Total to be cleaned up with volunteer access: 8  
Declined clean up: 19  
Declined sampling access: 14

JAA properties granted access to clean up (included in metrics for entire site): 138  
(33 from Warrant 1, 39 from Warrant 2, 20 from Warrant 3, and 46 from Warrant 4)  
JAA properties cleaned up: 136  
Two properties were not addressed from Warrant 4 as the properties appear to have new owners and denied access to cleanup.

Excavation currently occurring in the Collegeville, Fairmont, and Harriman Park neighborhoods.

**Disposal:**

About 85,779 tons of contaminated soil have been sent to an approved landfill since site activities began in 2014.

**Air Monitoring:**

START continues to monitor site conditions including air monitoring and sampling as well as removal documentation and soil profiling as directed by the OSC. Air sampling has included periodic personnel air sampling on a representative ground technician and an excavator operator. To date, air monitoring indicates all operations are well controlled and have minimized blowing dusts. Water truck is being used to mitigate dust conditions during excavation.

**2.2 Planning Section**

No information available at this time.

**2.3 Logistics Section**

No information available at this time.

**2.4 Finance Section**

**2.4.1 Estimated Costs**

Current TO/TDD	Budgeted	Total to Date	Remaining	
ERRS		\$1,500,000	\$1,200,000	\$300,000
START 5 Removal CI (TT/OTIE)	\$1,053,215	\$993,215	\$60,000	
START 5 Investigation CI (TT/OTIE)	\$376,310	\$366,310	\$10,000	
Closed TO/TDD	Amount			
ERRS (2021)		\$27,000,000		
ERRS		\$6,932,292		
START 4 Removal (OTIE)	\$2,573,288			
START 4 Investigation (OTIE)	\$2,791,087			
START 4 Community Involvement (TT)	\$603,651			
START 4 Investigation (TT)	\$385,802			
START R5 Crossover	\$340,000			
START GSA Bridge Contract	\$357,164			
START R7 Crossover CI	\$43,493			
START 3 CI	\$102,178			

ERRS, START 4 Removal, START 4 Community Involvement, START R5 Crossover, START GSA Bridge Contract, START R7 Crossover Community Involvement, and START 3 CI should count towards Action Memo ceiling.

START Removal costs include START 4 Removal, START 4 Community Involvement, START R5 Crossover, START GSA Bridge Contract, START R7 Crossover CI, and START 3 CI.

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS	\$35,432,292.00	\$35,132,292.00	\$300,000.00	0.85%

START Removal	\$5,072,989.00	\$5,012,989.00	\$60,000.00	1.18%
START Investigation	\$3,553,199.00	\$3,543,199.00	\$10,000.00	0.28%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$44,058,480.00</b>	<b>\$43,688,480.00</b>	<b>\$370,000.00</b>	<b>0.84%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

**2.5 Other Command Staff**

No information available at this time.

**3. Participating Entities**

**4. Personnel On Site**

No information available at this time.

**5. Definition of Terms**

No information available at this time.

**6. Additional sources of information**

No information available at this time.

**7. Situational Reference Materials**

No information available at this time.